

Message Text

CONFIDENTIAL

PAGE 01 BERN 01703 220730Z

10

ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NRC-05 NSAE-00 USIA-06

TRSE-00 EUR-12 ERDA-05 ISO-00 /036 W

----- 044677

P 211645Z APR 76

FM AMEMBASSY BERN

TO SECSTATE WASHDC PRIORITY 2462

C O N F I D E N T I A L BERN 1703

EXCON FOR COMMERCE

E.O. 11652: GDS

TAGS: ESTC COCOM SZ

SUBJ: SWISS SALES OF MACHINE TOOLS WITH NUMERICAL CONTROLS

REF: A) BERN 1492 B) BERN 550 C) STATE 025034

1. THE EDO MET WITH MR. MAX KRELL OF THE SWISS DIVISION OF COMMERCE ON APRIL 20 TO DISCUSS THE SWISS TECHNICAL EXAMINATION OF REFTTEL C DIXI AND SIP MACHINE TOOLS WITH NUMERICAL CONTROLS. ACCORDING TO KRELL, NONE OF THE MACHINES CITED WOULD BE CONTROLLED UNDER THE OLD WORKING OF COCOM INTERNATIONAL LIST PARAGRAPH 1091, NOR WOULD THEY BE UNDER EMBARGO UNDER THE JANUARY 1976 VERSION OF IL 1091.

2. KRELL GAVE THE FOLLOWING REASONS. CITING THE EXCEPTIONS PRESENTED UNDER IL 1091 PART (A) SECTIONS I-IV, HE NOTED THAT MACHINE TOOLS WITH NUMERICAL CONTROLS HAVING ALL THE CHARACTERISTICS LISTED WOULD BE EXEMPT FROM COCOM CONTROL. SWISS MACHINE TOOLS MEET ALL THOSE CRITERIA. FOR EXAMPLE, IN ADDITION TO MEETING CONDITIONS I,II, AND IV OF PART (A), THE SWISS MODELS IN QUESTION HAVE (III) A MINIMUM PROGRAMMABLE INCREMENT OF 0.0001 INCHES OR 0.001MM. SIMILARLY, SWISS MACHINE TOOLS MEET ALL THE CONDITIONS FOR EXCEPTION FOR MECHANICAL OPERATION UNDER IL 1091 PART (B) SECTIONS --6.

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 BERN 01703 220730Z

3. THERE SEEMS TO BE A PROBLEM OF LANGUAGE IN THE INTER-

PRETATION OF THE EXCEPTIONS. IN IL 1091 PART (B) SECTION I(2) , POSITIONING ACCURACY IS DESCRIBED AS QUOTE EQUAL TO OR GREATER THAN PLUS OR MINUS 0.01 MM PER 300 MM... UNQUOTE. THIS IS INTERPRETED BY THE SWISS TO MEAN THAT MACHINES WHOSE POSITIONING ACCURACY IS GREATER (THAT IS, BETTER, OR MORE PRECISE THAN) PLUS OR MINUM 0.01 MM ARE EXCEPTED FROM CONTROL IF THEY MEET THE OTHER CRITERIA FOR EXCEPTION (E.G. MAXIMUM SLIDE TRAVEL, SPINDLE POWER, AXIS MOTION, ETC.).

4. THIS INTERPRETATION HAS BEEN USED BY THE SWISS AND OTHERS TO PERMIT MACHINES OF HIGHEST POSITIONING ACCURACY TO BE EXPORTED WITHOUT CONTROL. THIS SAME INTERPRETATION HAS LED THE SWISS TO CONTROL THE EXPORT OF MACHINE TOOLS WITH A LOWER POSITIONING ACCURACY.

5. THE EDO WAS SHOWN A LETTER FROM SIEMENS, GERMANY TO SIEMENS-ALBIS OF SWITZERLAND, WHICH DESCRIBED IN DETAIL THE USE OF THIS INTERPRETATION OF THE EXCEPTIONS TO IL 1091.

6. THE SAME PHRASE QUOTE EQUAL OR GREATER THAN UNQUOTE IN IL 1091 PART (B) SECTION I(2) AND SECTION II(1) IS USED IN THE NEW VERSION OF IL 1091.
DAVIS

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MEETINGS, STRATEGIC TRADE CONTROLS, EXCEPTIONS LIST, TOOLS
Control Number: n/a
Copy: SINGLE
Draft Date: 21 APR 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: saccheem
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976BERN01703
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: D760152-0442
From: BERN
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760441/aaaabibn.tel
Line Count: 86
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 76 BERN 1492, 76 BERN 550, 76 STATE 25034
Review Action: RELEASED, APPROVED
Review Authority: saccheem
Review Comment: n/a
Review Content Flags:
Review Date: 10 MAY 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <10 MAY 2004 by woolflhd>; APPROVED <22 SEP 2004 by saccheem>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: SWISS SALES OF MACHINE TOOLS WITH NUMERICAL CONTROLS
TAGS: ESTC, SZ, US, COCOM
To: STATE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006